UNITED NATIONS CONFERENCE
ON THE APPLICATION OF SCIENCE AND TECHNOLOGY
FOR THE BENEFIT OF THE LESS DEVELOPED AREAS

E/CONF.39/D/127
SUMMARY
22 Nov.1962
ENGLISH
ORIGINAL : SPANISH

SUMMARY

Agenda Item: D.14

Argentina

CONSTRUCTION TECHNIQUES IN UNDER-DEVELOPED, SEISMICALLY ACTIVE ZONES

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CONSTRUCTION TECHNIQUES

IN UNDER-DEVELOPED. SEISMICALLY ACTIVE ZONES

by

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SUMMARY

It should be borne in mind that the largest number of human victims in earthquakes are killed by the collapse of small buildings.

Many of these victims are due to the lack of attention paid to adequate building regulations. There is a tendency to lay down regulations particularly for the erection of large buildings. But the sound construction of small buildings is neglected owing to the lack of suitable rules for them, since the application to small buildings of rules which are fit only for large structures in reinforced concrete and steel, is anything but economical and is unnecessary for small structures.

Special consideration needs to be given to the local type of building. The mapping of seismic regions is recommended as this may suggest a convenient distribution of work in construction of a local type. The specifications for this type of building should be carefully laid down, and where anti-seismic building does not exist, all new construction should be strictly supervised.

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